

NAV-8 Navigation Light Controller

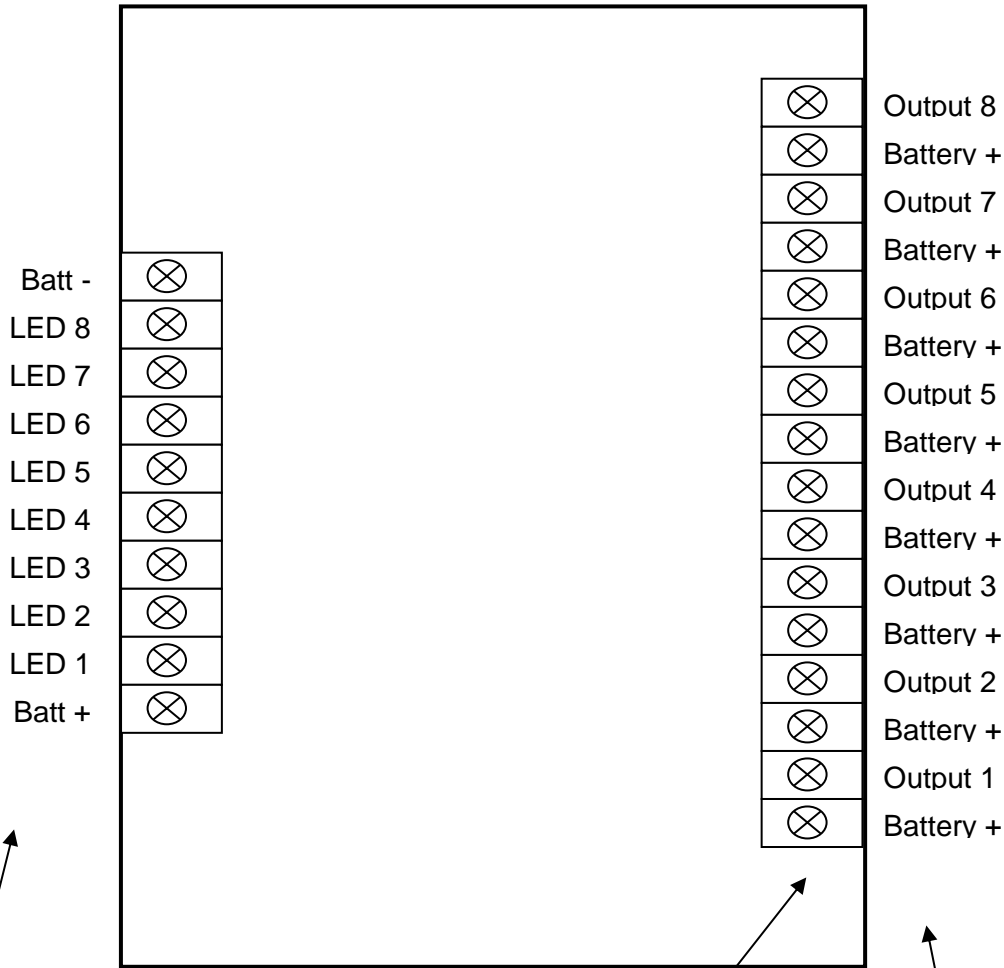
This system is designed to work with lights drawing from 20 milli amps to 1 amp.

Once the unit detects a light has been turned ON (which it does by detecting either 12 or 24 vdc present at the Battery + terminal) it will then start to monitor the current draw.

If the light has been turned on and the current draw is ok the corresponding LED will turn ON.

If the draw falls below 20 milli amps the corresponding LED will flash, indicating a faulty Nav light.

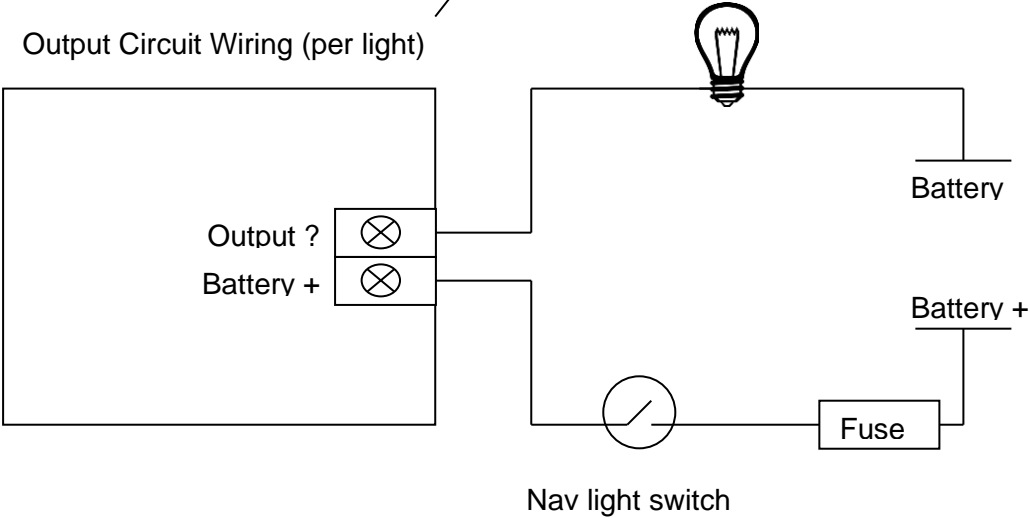
Wiring Diagram for Model NAV-8



Batt + = logic supply voltage +
 Batt - = logic supply voltage -

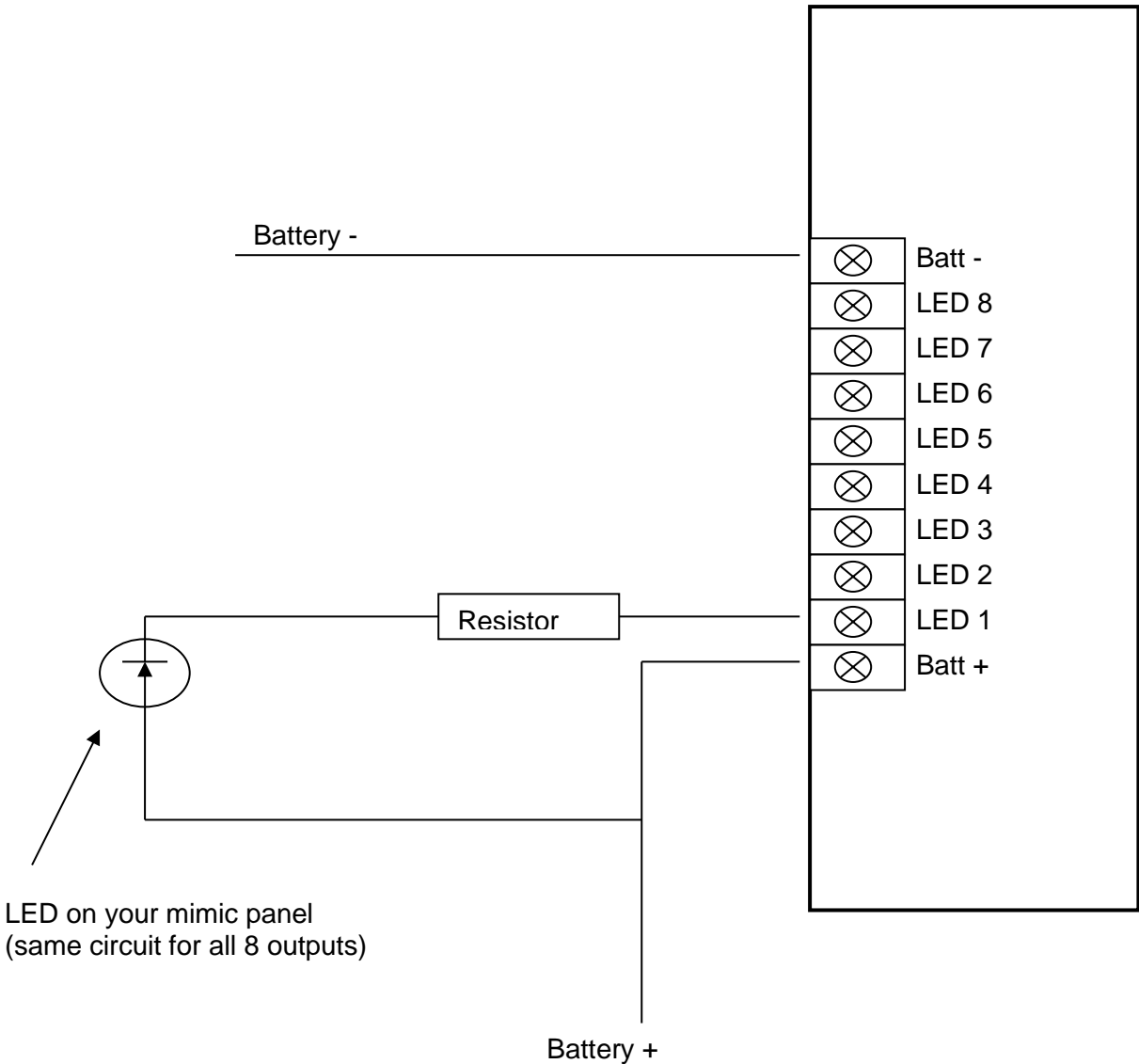
Battery + = Lamp supply voltage

Output Circuit Wiring (per light)



NOTE: If a single switch is used to turn all the nav lights ON and OFF then simply loop all the Battery + terminals together

LED Wiring Diagram



The led output circuit is repeated for all outputs.

Note:

Resistor or 12vdc = 1k ohms
Resistor or 24vdc = 2k2 ohms